Figure 1

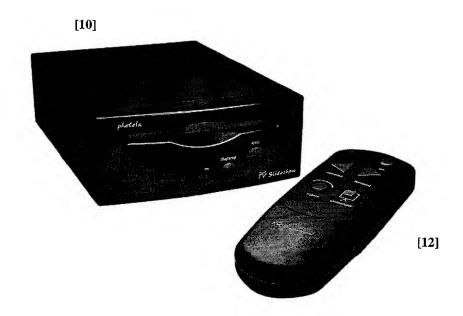


Figure 2

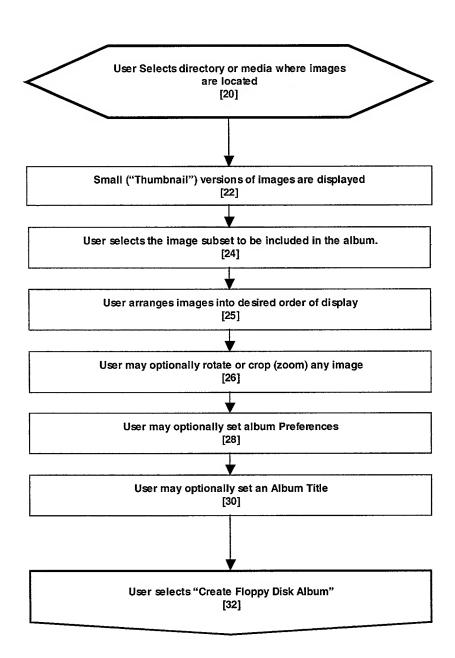
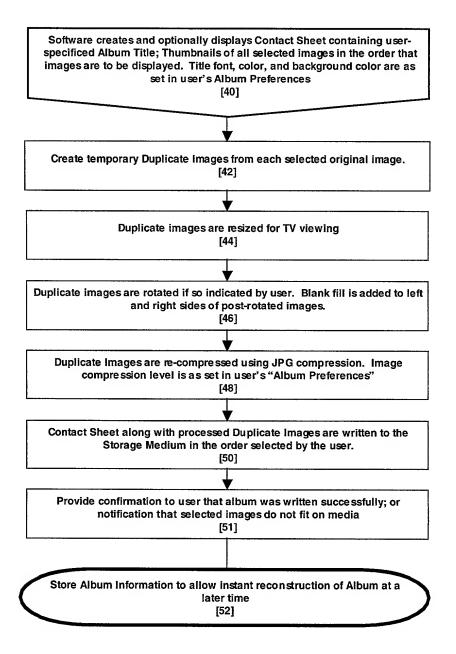


Figure 3



They

Figure 4



Figure 5



. The same

Figure 6



Figure 7



Figure 8

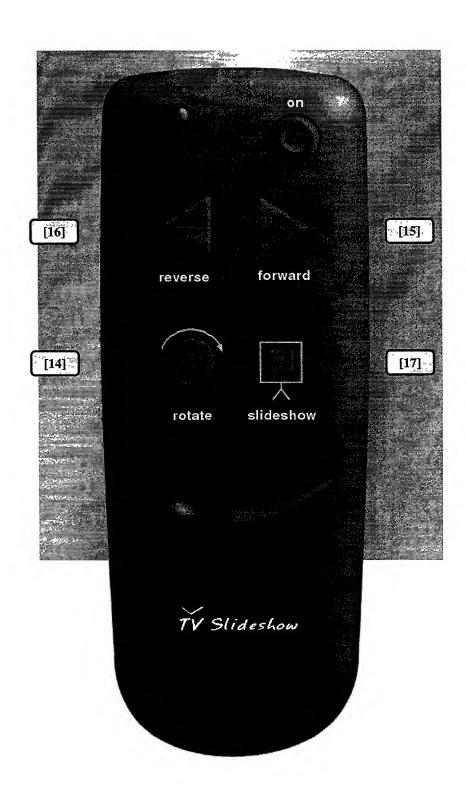
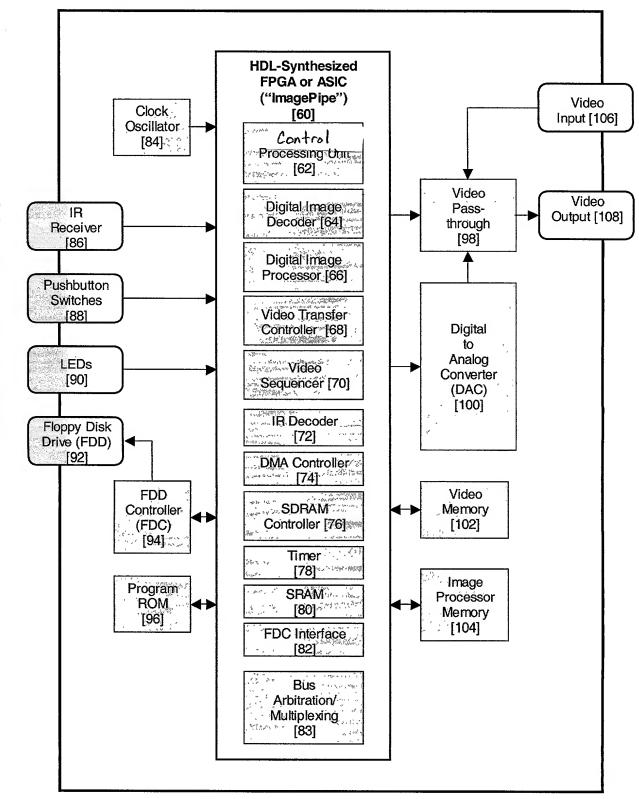
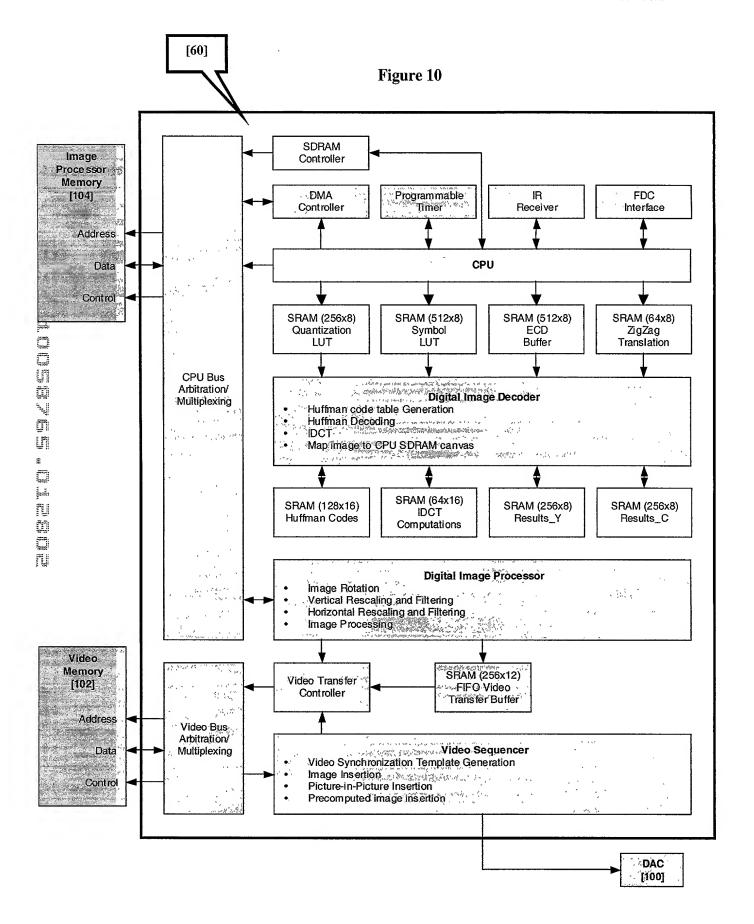


Figure 9

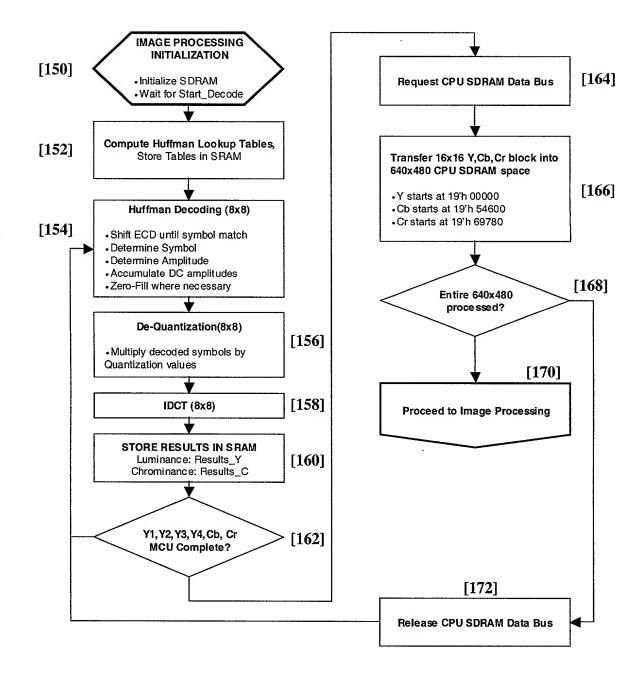




A STATE SPACE

Figure 11 [70] Video Line Counter Video SDRAM (image data) Multiplexer Narrow EQ Pulse Generator Video Sequencer Control Broad EQ Pulse Generator Video Output (NTSC, PAL, SECAM) Loop Sync/Colorburst Generator **Blanking Interval Generator** Black Scanline Generator Precomputed image data (lines, borders, text) Video Transfer Controller Write Enable

Figure 12



1.30

Figure 13

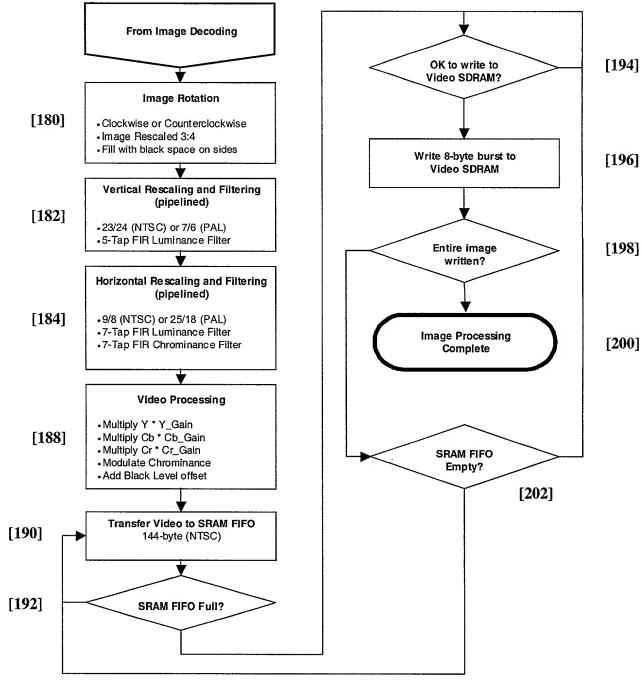


Figure 14

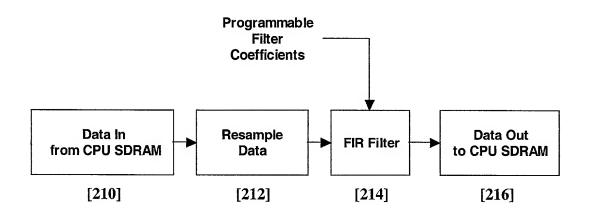


Figure 15

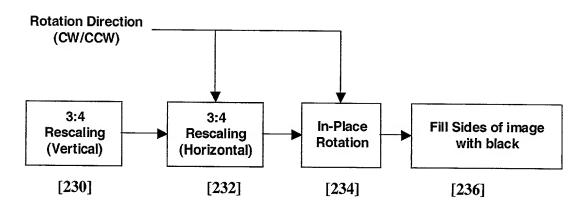


Figure 16

